

# Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

## 1. Product Identification

<b>Product Information:</b>	1000057160
<b>Product Identifier:</b>	KLEENLINE PRO GLASS CLEANER
<b>Recommended Use:</b>	Cleaner
<b>Manufacturer/Importer/Distributor Information:</b>	BradyPLUS 7055 Lindell Rd Las Vegas, NV 89118  (877) 788-7587
<b>Emergency Telephone:</b>	1-800-424-9300

## 2. Hazard(s) identification

### Classification

Aerosol, category 3

### Label elements

#### HAZARD PICTOGRAMS

No GHS Symbols Exist

#### SIGNAL WORD

Warning

#### GHS HAZARD STATEMENTS

H229 Pressurized container: may burst if heated

#### GHS PRECAUTIONARY STATEMENTS

##### Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P251 Do not pierce or burn, even after use.

##### Response

None

##### Storage

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.

##### Disposal

None

##### Other Information

None

## 3. Composition/Information on Ingredients

**Mixtures**

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Content in Percent (%)*</u>
Ethanol	64-17-5	1-5
2-Butoxyethanol	111-76-2	1-5
Propane	74-98-6	1-5
Butane	106-97-8	1-5

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition Comments:** Other components are not hazardous or are below required disclosure limits.  
The exact concentration has been withheld as a trade secret.

#### 4. First-aid Measures

**SKIN CONTACT:** Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.

**EYE CONTACT:** Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention.

**INHALATION:** Move to fresh air.

**INGESTION:** Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

**IMPORTANT SYMPTOMS:** No data available

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:** Get medical attention if symptoms occur.

#### 5. Fire-fighting Measures

**EXTINGUISHING MEDIA:** Use fire-extinguishing media appropriate for surrounding materials.

**UNSUITABLE EXTINGUISHING MEDIA:** Do not use water jet as an extinguisher, as this will spread the fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Pressurized container may explode when exposed to heat or flame.

**SPECIAL FIREFIGHTING PROCEDURES:** No data available

#### 6. Accidental Release Measures

**PERSONAL PRECAUTIONS :** No data available

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.

**ENVIRONMENTAL PRECAUTIONS:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.

#### 7. Handling and Storage

**HANDLING:** Wear personal protective equipment.

**SAFE HANDLING ADVICE:** Observe good industrial hygiene practices.

**STORAGE:** No data available

**NFPA 30B:** Aerosol Level 1

#### 8. Exposure Controls/Personal Protection

##### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>TLV-TWA</u>	<u>TLV-STEL</u>	<u>PEL-TWA</u>	<u>PEL-CEILING</u>
Ethanol	N.E.	1000 ppm	1000 ppm	N.E.

2-Butoxyethanol	20 ppm	N.E.	50 ppm	N.E.
Propane	N.E.	N.E.	1000 ppm	N.E.
Butane	N.E.	1000 ppm	N.E.	N.E.

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
 Sk = Skin Sensitizer N.E. = Not Established

**ENGINEERING CONTROLS:** Provide adequate ventilation.

**Personal Protection**

**EYE/FACE PROTECTION:** Wear goggles/face shield.

**SKIN PROTECTION:** No data available

**RESPIRATORY PROTECTION:** Seek advice from local supervisor. In case of inadequate ventilation use suitable respirator.

**HYGIENIC PRACTICES:** General industrial hygiene practice.

**9. Physical and Chemical Properties**

**Appearance:**

Physical State:	Liquid
Form:	Spray Aerosol
Color:	Yellow
Odor:	Fresh
Odor Threshold:	No data available
pH:	9.4-10.4
Freeze Point, °C:	No data available
Boiling Point, °C:	78
Flash Point, °C:	Not applicable to aerosols
Flammability (solid, gas):	Non-flammable Aerosol
Evaporation Rate:	No data available
Combustibility:	Does not Support Combustion
Explosive Limits, %:	0.0 - 999.0
Vapor Pressure @20°C, PSI:	70-90
Relative Vapor Density:	Heavier than Air
Relative Density:	0.978
Solubility in Water:	No data available
Partition Coefficient, n-octanol/water:	No data available
Auto-Ignition Temperature, °C:	No data available
Decomposition temperature, °C:	No data available
Kinematic Viscosity:	< 14 mm <sup>2</sup> /s or cSt
Particle Characteristics:	
Size Range, microns (µm):	No data available
Percent under 10 microns:	No data available

**10. Stability and Reactivity**

**REACTIVITY:** Not reactive under normal conditions of use.

**STABILITY:** Material is stable under normal conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:** No data available

**CONDITIONS TO AVOID:** Avoid heat or contamination

**INCOMPATIBILITY:** No data available

**HAZARDOUS DECOMPOSITION PRODUCTS:** No data available

## 11. Toxicological Information

### Information on Likely Routes of Exposure

**SKIN CONTACT EFFECTS:** May cause irritation on prolonged or repeated contact.

**EYE CONTACT EFFECTS:** May cause slight irritation with tearing.

**INHALATION EFFECTS:** Inhalation of high concentrations of mists may cause irritation of the nose throat and upper respiratory tract.

**INGESTION EFFECTS:** Ingestion may cause irritation of the mucous membranes, esophagus and stomach.

The following Chemicals are listed on IARC Monographs on the Evaluation of Carcinogenic Risk to Humans:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>IARC Listing</u>
64-17-5	Ethanol	IARC Group 1,
7632-00-0	Sodium nitrite	IARC Group 2A,
7631-99-4	Sodium Nitrate	IARC Group 2A,
75-07-0	Acetaldehyde	IARC Group 1,IARC Group 2B,
97-54-1	Isoeugenol	IARC Group 2B,

The following Chemicals are listed on the U.S. National Toxicology Program (NTP) Report on Carcinogens:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>NTP Listing</u>
64-17-5	Ethanol	NTP Known Human Carcinogen
75-07-0	Acetaldehyde	NTP Reasonably Anticipated to be Human Carcinogen

The following Chemicals are listed on U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>OSHA Listing</u>
75-07-0	Acetaldehyde	Present

The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.

<b><u>ATE ORAL</u></b>	15,533 mg/kg
<b><u>ATE DERMAL</u></b>	30,228 mg/kg
<b><u>ATE INHALATION</u></b>	383 mg/kg

### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
64-17-5	Ethanol	10,470 mg/kg	17,100 mg/kg	124.7 mg/l
111-76-2	2-Butoxyethanol	500 mg/kg	1100 mg/kg	11 mg/l
74-98-6	Propane	5,000 mg/kg	5,000 mg/kg	100 mg/l
106-97-8	Butane	5000 mg/kg	5000 mg/kg	658 mg/L Rat

N.I. = No Information

**Skin Corrosion & Irritation:**

**Product:** No data available

**Serious Eye Damage & Irritation:**

**Product:** No data available

**Respiratory or Skin Sensitization:**

**Product:** No data available

**STOT-Single Exposure:**

**Product:** No data available

**STOT-Repeated Exposure:**

**Product:** No data available

**Aspiration Hazard:**

**Product:** No data available

**Carcinogenicity:**

**Product:** No data available

**Reproductive Toxicity:**

**Product:** No data available

**Germ Cell Mutagenicity:**

**Product:** No data available

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** No data available

**PERSISTENCE:** No data available

**BIOACCUMULATE:** No data available

**MOBILITY IN SOIL:** No data available

**OTHER ECOLOGICAL:** No data available

## 13. Disposal Information

**DISPOSAL INFORMATION:** Consult with your local, regional and federal agencies for information on proper disposal.

**CONTAMINATED PACKAGING :** Consult with your local, regional and federal agencies for information on proper disposal.

## 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** No data available

**DOT**

<b>UN Number:</b>	UN1950
<b>Proper Shipping Name:</b>	AEROSOLS, NON-FLAMMABLE
<b>Technical Name:</b>	N/A
<b>Hazard Class(es)</b>	
<b>Class:</b>	2.2
<b>Subsidiary Risk</b>	N/A
<b>Packing Group:</b>	N/A

**IATA**

**UN Number:** UN1950  
**Proper Shipping Name:** AEROSOLS, NON-FLAMMABLE  
**Technical Name:** N/A  
**Hazard Class(es)**  
**Class:** 2.2  
**Subsidiary Risk:** N/A  
**Packing Group:** N/A

**IMDG**

**UN Number:** UN1950  
**Proper Shipping Name:** AEROSOLS, NON-FLAMMABLE  
**Technical Name:** N/A  
**Hazard Class(es)**  
**Class:** 2.2  
**Subsidiary Risk:** N/A  
**Packing Group:** N/A

The classification shown in this section may be eligible for use of an exception, such as 'Limited Quantity', per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

<b>15. Regulatory Information</b>
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**SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name	CAS-No.	Wt %
2-Butoxyethanol	111-76-2	2.87

**CHEMICAL INVENTORY STATUS:**

**TSCA**                      On or in compliance with the inventory  
**DSL**                         All ingredients in this product are listed on the DSL or are exempt.

**CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:**

No Proposition 65 chemicals present or warning required.

<b>16. Other Information</b>
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**Revision Date:** 10/18/2024  
**Datasheet produced by:** Regulatory Department

**Legend**

N/A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

TLV - Threshold Limit Values (TLVs®), as established by the American Conference of Governmental Industrial Hygienists (ACGIH®)

PEL - Permissible Exposure Limit, as established by the U.S. Occupational Safety and Health Administration (OSHA), as amended

TSCA - U.S. Toxic Substance Control Act

DSL - Canada Environmental Protection Act: Domestic Substance List

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where the product use and frequency of exposure exceeds that established for the labeled consumer use.

**Further Information**

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the manufacturer's and seller's control. Purchaser and user are responsible for determining the suitability of the product for a particular purpose, adopting precautions for the protection of property and persons, and compliance with all Federal, State, Provincial, and Local laws.